

In the Claims:

Please cancel claims 11 and 27-30. Please amend claims 1, 3, 6, 14, 18, 20, 21, 26, and

31. Please add new claims 32-36. The claims are as follows:

1. (Currently amended) A security enclosure, comprising:

an electronic assembly;

a tamper respondent wrap secured at least partially around the assembly, wherein the tamper respondent wrap comprises a plurality of layers, and wherein each layer of the wrap includes a plurality of electrically conductive lines or a plurality of electrically conductive ink traces; and

an extension cable electrically connecting the wrap to the assembly.

2. (Original) The security enclosure of claim 1, wherein the electronic assembly comprises a cryptographic processor card.

3. (Currently amended) ~~The security enclosure of claim 1~~ A security enclosure, comprising:

an electronic assembly;

a tamper respondent wrap secured at least partially around the assembly, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

4. (Original) The security enclosure of claim 1, wherein the tamper respondent wrap further includes a plurality of bonding pads formed at a first end of the wrap.

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5. (Original) The security enclosure of claim 4, wherein the tamper respondent wrap further includes a system of resistors within each layer of the wrap.

6. (Currently amended) The security enclosure of claim 5, wherein each layer of the wrap comprises the ink traces, and wherein the system of resistors connect the ink traces within each layer of the wrap to the bonding pads.

7. (Original) The security enclosure of claim 1, wherein the extension cable further includes a plurality of interconnections at a first end of the extension cable.

8. (Original) The security enclosure of claim 7, wherein the extension cable further includes a plurality of bonding pads at a second end of the extension cable.

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9. (Original) The security enclosure of claim 8, wherein wires connect the interconnections and the bonding pads of the extension cable.

10. (Original) The security enclosure of claim 1, wherein a plurality of bonding pads on the wrap are bonded to a plurality of bonding pads on the extension cable.

11. (Canceled)

12. (Original) The security enclosure of claim 1, wherein the wrap at least partially covers the

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extension cable.

13. (Currently amended) The security enclosure of claim 1, wherein the extension cable comprises a flexible dielectric material.

14. (Currently amended) A security enclosure, comprising:

an electronic assembly;

an extension, having a first end inserted in the assembly, and a second end having at least one bonding pad thereon; and

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a tamper respondent wrap at least partially surrounding the assembly, having at least one corresponding bonding pad, wherein the bonding pad of the extension is secured to the bonding pad of the wrap, wherein the tamper respondent wrap comprises a plurality of layers, and wherein each layer of the wrap includes a plurality of electrically conductive lines or a plurality of electrically conductive ink traces.

15. (Original) The security enclosure of claim 14, wherein the first end of the extension comprises at least one interconnection which forms an electrical connection between the assembly and the extension.

16. (Original) The security enclosure of claim 15, wherein the at least one interconnection is electrically connected to the at least one bonding pad of the extension via a wire.

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17. (Original) The security enclosure of claim 14, wherein the wrap further includes an adhesive on an inner surface of the wrap to secure the wrap to the assembly.

18. (Currently amended) The security enclosure of claim 14, wherein each layer of the wrap comprises the ink traces, and wherein the wrap further includes a system of resistors connecting the ink traces within the wrap to the bonding pads of the wrap.

19. (Original) The security enclosure of claim 14, wherein the extension comprises a flexible cable.

20. (Currently amended) A security enclosure, comprising:

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an electronic assembly; and

a tamper respondent wrap electrically connected to the assembly via an attachable extension, wherein the tamper respondent wrap comprises a plurality of layers, and wherein each layer of the wrap includes a plurality of electrically conductive lines or a plurality of electrically conductive ink traces.

21. (Currently Amended) ~~The security enclosure of claim 20~~ A security enclosure, comprising:

an electronic assembly; and

a tamper respondent wrap electrically connected to the assembly via an attachable extension, wherein the attachable extension comprises a flexible extension cable.

22. (Original) The security enclosure of claim 20, wherein the tamper respondent wrap comprises a plurality of bonding pads formed on an end thereof.

23. (Original) The security enclosure of claim 21, wherein the extension comprises a plurality of bonding pads formed on a first end thereof.

24. (Original) The security enclosure of claim 23, wherein the bonding pads of the wrap are secured to the bonding pads of the extension.

25. (Original) The security enclosure of claim 23, wherein the extension further comprises a plurality of interconnections formed at a second end of the extension.

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26. (Currently Amended) The security enclosure of claim 22, wherein each layer of the wrap comprises the ink traces, and wherein a system of resistors electrically connects the bonding pads of the wrap to the ink traces of the wrap.

27-30. (Canceled)

31. (Currently Amended) A method of forming a security enclosure, comprising:

providing an electronic assembly having an opening therein;

inserting a first end of an extension within the opening of the assembly;

wrapping a tamper respondent wrap at least partially around the assembly, wherein the

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tamper respondent wrap comprises a plurality of layers, and wherein each layer of the wrap includes a plurality of electrically conductive lines or a plurality of electrically conductive ink traces; and
electrically connecting a second end of the extension to the wrap.

32. (New) The method of claim 31, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

33. (New) The method of claim 31, wherein the extension comprises a flexible cable

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34. (New) The security enclosure of claim 20, wherein the tamper respondent wrap includes an adhesive inner surface that adheres the wrap to the electronic assembly.

35. (New) The security enclosure of claim 20, wherein each layer of the wrap comprises the electrically conductive lines, and wherein the electrically conductive lines include an electrically conductive thermoplastic polymer.

36. (New) The security enclosure of claim 20, wherein each layer of the wrap comprises the electrically conductive lines, and wherein the electrically conductive lines include an electrically conductive thermoset polymer.
